

Samplers for Sampling for Total Suspended Particulate matter (TSP) began on December 22, 2006 at the location identified as the TSP Monitoring Site and collected 24-hour samples on an every- third-day schedule through August 2007.

Sampling at the Off-Axis Site began January 19, 2007. The site was equipped with Weekly Air Particulate Sampler with Annular Denuders (ADS) for acid gases and fine particulates and meteorological sensors. Samplers for Total Suspended Particulate matter (TSP) were installed on January 24, 2007.

Tape meter sampling rapidly concluded on August 23, 2006. Although ADS sampling operated for different time periods, all ADS sampling was concluded on April 4, 2007. TSP sampling by TPB was concluded at all sites on August 22, 2007. On August 23, 2007, the TPB decommissioned the TSP samplers used in this study. The meteorological systems at the ADS Monitoring Site were decommissioned. On the same date, meteorological monitoring was added to the TSP Monitoring Site. The meteorological system at the Off-Axis Site remains operational while additional monitoring by the DAQ continues with oversight by the MRO.

#### **1.2.4 Quality Assurance/Quality Control**

The QAPP developed for TSP monitoring by the DAQ Ambient Monitoring Section was followed for all 24-hour integrated TSP samples, with some modifications of calibration and audit method that are believed to increase both accuracy and precision of the method. Standard operating procedures (SOPs) were followed for ADS sampling. These SOPs include QA/QC activities. The TPB QAPP procedures for meteorological data were followed. The calibration of the Zellweger Single Point Monitor was checked in accordance with the manufacturer.